A Differtation Hydrocephalus Acutus By Paped Mark 5 N Int & Sixtablem W. E. H Virginia Decemen 2 md 1826

J. Uni foller Bubn. Paper Sand 3" 10 of me To the medical security of the university of Durylania the pelowing dependence is respectfully submitted for the segue of South of messione by the author:

together tymple of water the Lete the me and who

Hydrocephalus Scutus . _

The discircity and contrariety of spinion intertained by medical mitters on the superior by the squireal nature of its symplems renders it a receive of me incentionable embaragement to the young and inexperienced student to write a correct dipertalian on this dieser.

Mydwephalus was divided by ancient woologists into Esternal and Internal, the farmer is distingues hed, by an assummation of with between the scalp and cranium the balter by a collection of water between the membranes or in the ventrules.

Hydrocephalus Externus, is of Hergrane occurrence, but it does sometimes happens and when it does it should be regarded only

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as anararea of the scalp says It bhapman. It is now divided by systematic miteriate Wester and Chromic, The Secute species I have relacted for the sudgest of my mangenal differentation.

This sirear is raid to be chiefly incisent to chiteren between two and eve years of age savely accounting later than the pursuenth year. But it is not exclusive agentimes on read to prove . Adult being more subject to its absorbes than is general. My imposis. There adults the most present by imposis, have about the most present by suffer from this discover, are there of a surfixed detheris; follow and ralletin complexion; and much affected with pains in the head.

But when we reflect on the greatdispreportion, between the head and other are land saying freques and the female To Mong to this unfon Hya

parts of the body in young subjects; the great vascularity, and laxity of the brain priducing an under determination of blood to that viseus: by which the dispositions to effusion, is increased, together with the many and diversified accidents to which the volatele anurements of children constantly exposes them, (which act as remote causes) we cannot heritate for approment in raying that children shouts be the most frequent- sufferers by This direful malady, and those of a Benefulous and lickety dietheris most subject to its attacks, and females, more so than males according to Morgagni . But from subsequent researches on this disease, we are disposed to think this opinion vague and unfounded. Hydrocephalus acutus generally

time of fe ful tongs ing of the wed- this Her tone wilden in Haydwe the distinion maptenes pund bles of them alto Sympton. ummance commences with all the ordinary sympeters of fever, 28 Janguer loss of appetite name on the securional something, income we had been plus tongue, pain on the draw back and extrameters, a celested pulse, thick ing of the temporal actives strong taking place thinks an extraor with gaset thinks a securious always taking place there are when a securious, and become mitteen in the meaning, and become

Hoydweephalus dentus may be con within as exhibiting there stages, though the different stages, though the different stages article from blends together a one or more of them altigether wanting. If them altigether wanting with the first blands of the first stages, wently commence with languar, dannersely commences with languar, dannersely pain in the head and back of the

forened much inte the more of my very no themin wither in Thom my for days o & there of Sich are

neck, hot dry skin, foul tongue, flushed face, hurried respiration, quick and sometimes irregular pulse, dilatation a contraction of one or both pupils, a hard dry or pheezing cough, obstinate unstipation of the howels, Though the severe may occur, when the stools are procured by medicine, they are of an greenish appearance, elech is very much interrepted, frequently starting and screaming as if much alarmed, priching the mose grinding the teeth, and become ung very rettless, with exacerbations in the evening and the symptoms becoming milder in the morning -Thou symptoms continuing for a few days only; when they are surceeded My others denoting the second stage

which are characterized by the patient

the heart in of the the vone 5 the er Whorious Hart, for the tonger by, the thew the amisten fully o Musi to s with Thera toke who for ameri Whitey and

becoming less sensible to the pain in the head and other parts of the system, preturnatural slowness and unegular ity of the pulse, the pupils more dilated thou in the first stage, stratismus, the voniting ceares except when rains to the excet posture, respiration becomes laborious, the shim hot and dry, great thiers, frequent eighing and growing, the tongue very white and sometimes dry, the bowels remain very much con - fines, the faces vary bath in whom and consistence, they are most commonly of a clay whom, in small quantity and appear, to have an oily substance mixed with theras, The patient at this time takes whatever is offered him either food a medicine: and swallows it with great avidity, and he appears to be quite inco

Theye, m. soteinly. There yelid had It Then stores a amt, Les impefeible her is ma wally pale Who on the indunter in perfora the feature my the for Ly quant , beent and sho pid. We are now pur unter with the regulptions of the this stage, which are still more violent and writings indicate a fatal termination

There are widely ditated pupils, the expelies half closed, with the axis of one or both turned in toward the more, the eye is sometimes suffered with, bood, the pulse, returns again to the febrile state of excite ment, becoming so week and quick that it is imposible to court it, the flushing of the face is more frequent, and succeeded by a deadly palences, rolling the hear from side to wide on the pillow, throwing the handsalows. insduntarily, the respiration very laborious and performed very slowly, difficult diglutation the features are shrunk, involuntary dischar ye of the faces and wrine, the wrine is in large quantity perfectly clean and limped, coto

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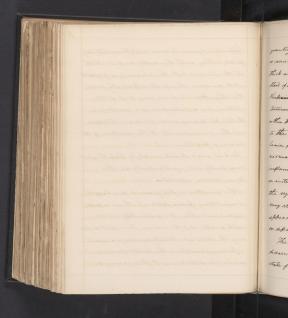
clammy sweets, bethanger tesper now superime sures, succeeded by consulsions and keath.

The emeciation (as observed by a distin quished writer) is singularly samed what is communely the effect of an atrophy of many months taking place in a few dayse when the progress of the disease has been very rapid, it is not uncommon for the underthe symptoms to subside, indiving am expectation of a speedy recovery; but this is a must treache row, and fatat calm; it being the result of effection . The vefrets of the brain being previously in a high degree of excitement are in this way relieved; and the Machissurhender, for a short time of The office fluid acting as a resceiting cause, and the disease returns with redoubled violence .we may consider the care, Those circumstan cus desperate or nearly so .

Efforio fatal, a that the the come each him primary But i very fu Hydrous The a Kays and eight un may be. In ex. murent Effection is regarded by some miles as a certainly plated, as they dury the centeries of abenducts on the bearing. Head the planeautrop posses, but to mention other facts, sufficiently posses, that they must exist in every part of the igition; for an absorbert is as necessary in the comparition of a during being as a bloodingue, and their comparition of a during being as a bloodingue, and their grantening of the paramage for actions.

But it must be acknowledged that they are very peeley and incompetantly in the Hydrocephalic affections.

The surviver of the disease is very uncertainty to several the several through the several through the several several to the several through the



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quantity from one to sive or eight owners, it is sometimes as their as water; and at others Thick and ropy. The veins are enjoyed with low of a dark gramew colver, adherious and thickering of the membranes of the brain turneens of different sizes, situated in wither the substance of the brain or attached to the membranes; the substance of the brain is neft and white the absorminae viscera also exhibit marks of diease as inflormation of the liver, stomach splen or intestines . - It has often happened that The symptoms of Hydrouphalus havehun very strongly marked; when no marked appearances could be discovered in the brain on difection

The remote or predisposing cames of this disease appear to consist in a centain that of inactivity and feelings of constitution

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hereditary predisposition and The scrapulous . diatheris . - The exciting causes one cold, irritation of the stamach and lowels, as produced, by wearns, suppression of tenia aspites, a discharges from scrapulous release about the nech and head, palls a llow upon the head, turnouses within the cranism, and all febrile diseases of Children which last, have a great tendency to terminate in inflommation a effusion in the brain but more particularly, the mearles, Scarlatina hooping cough chronic catarrh, teething the suppression of the nagae hemorrhages cholera infantum, and diarrhoea. receding of certain emptions from the surface, and in fact all Those causes which tend to produce inflam mation in general.

The proximate eases of this derease is placed by 92 Chapman (Than whom is wents be wain to look for higher authority ide the effec is profes cour of action of thetiens pito depo gr Ber smations. slight in premier De Russ only as an alongeste I appear fine stag perance o man increased and althout action in the bloody of the brain, expersion being mostly the effect. I have been payed the distinguish it prefetors though I flave the proximate cause of Hyperschades acutes in a most action of the brain, I am not the lop personal that in a majority of cares it commences in a province of the last personal that in a majority of cares it commences in a province of the starmarch or come of the dependencies.

The Meddoes believes she to belong to inflam mathems. It Milaring observes that slight inflammation and congestion are the previous to this agreem accumulation.

The Rush thinks that it should be regarded by a medically of primary inflammation alonguition of blood in the brain. It appears any he had the disease in of first stage is the effect of laws, which prime a life degree of that inflammation

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which constitutes thereates and its eccond stage is a left system of that effection which unditables serous apoplery in adults. It furner partakes of the chromia in flummation of 30 Brown. It bearing inflummation of 30 Brown. It have in follows inseltedly and hope on the absorbest topology the desirent supplies of the brain to bethe cause of the present though the dispose of the absorbest of the should may form crist as a securious effect, any fitter which are of the absorbest of the should may form crist as a securious effect.

In Might cheenes that the immediate carre of every kind of drepay is the came; such attack of the parts as makes the inhalend article of the parts as makes the inhalend find than the absorbents can take up that the de consider as consisting in whilety.

From the authorities as growted above

laxity. from i the gen in this preced 1 authori compar The acutus Typhord. y. It mo Mates of f idiopath. young 1 to the as I will appear that it arises from conjution and shight inflammation of the bearing and stripped in the former opinion same inclined to their the most plausith from the appearance on dispersion and the general mode of trustment private in this disease. That it does sometimes present a present former than disease. That it does sometimes present former than disease. That it does sometimes present former than the server to the server of the server to the server of the server to the server to

The director, which Hydrocephalus accuming most recembled, are some of the typhon states of fewer, shoppiers, two arms or it may be distinguished from the typhon that of fewer, by frequent remission, by impossive fewer and desires common in young enject, while they are more songer to the attacks of Hymrocephalus than 2011th.

Il diff with f and no attacks we can between Where. is tum Inester by pay 1the stage of the sees In the stuper, despress deglute, inequal.

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It differs from apoplexy, by being attended with fever, more common to children and not as sudden and vialent in its attacks. There are no symptoms by which we can correctly asertain the difference between this disease, and wound, exceptwhere worms are present, the abdomen is turned and terme. We may arrive at a greater degree of certainty in the diagnosis by paying strict extention to the history of the case from its commencement. Recoveries, may take place from the first stage of this disease; very rarely from the second, and never from the third. In the programs of this direau, when delirium Stuper, undely dilated purpils, Madismus, deafness, laborious respiration, difficultdeglatition, loss opright weak quick and inegular pulse, the patient cannot be raised

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to the exact parties without its producing girls of pain in the head, and witherest at the stormach involuntary sixchanges of pass and wine. He write in large quantity perfectly clear and limps, attended by amount sions the storeact with cutting deronimate fitally in a very shoot time.

The direct much frequently reated in the aracheris Membrane of the brain, though all of the membrane exhibit made of direct magnetion in the bloomfels, or inflammation of the cultivaries of the brain cities, white may most more the ventures of the brain tiles of the brain may mostly without producing the symptoms of My marghalus Benter my when the account of the pathogo source symptoms of the times all the pathogo

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are present without discovering any mates of success in the train, a accumulation of water within the sentiales.

In the treatment of the first a inflam many tage of the disease the first is it present effection to the beautiful to it to present effection to midden Marcular action and diminish the winder determination of blood to the had, where to led effected by blood to the party of minimum principles, represent the secretary that we be the desire the most benefit from blood to the form the secretary are should spen the temperal artery a jugglar view.

The quantity to be drawn can only be determined by the age of the patient and the violence of the symptoms present unless we be supplied in freshill in freshing be made on the circulation of will be of but little benefit, it my deal .

of the Letting Larrely from 1 that i Im give ar Combi = ev at 15 wacual have to Vitaleo antime frique

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of the indispensable meessily of blood letting (says a dishing with a writer) dear hardly express myself too strongly.

It have was in the habit of their from the jugator win till fainting was provided, the patient being placed in the remoterat posterie; of minety tares trated in the way of have states that is my recount of have states that into recount of the way to have states

commerciately after bleaving we should give an active purgative of salamet sentimed with Salap or Machanta genelyse semmiony a algo, much should be repeated at Most interval, motile copies evacuations are produced, motile completed of their severations are produced amplied of their sections been thoroughly employed of their sections contents, me should sent the authorized contents, me should sent the authorization contents of preparations in model and preparating in model and preparating preparations in model and preparating repeated dones so as to keepsy

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a constant naurea at the stomach, to sometimes The determination of blood to the head to relace the capillaries of the surface and promote diaphoreris. The bowels must be kept in a lanative, by the we of thebash aboes or The newtraly satts in small dones. bots applications to the head one very weeper in the early stages of this disease, bloths wet in vinegar and water, cether and water, a ice water slove, and applied to the hear is the most considered mode of wring it, changing There as often as they become warm; a stream quater directed immediately on the head has often been productive of the happiers effects. Ireal bleeding is likewise indispensable when the inflammatery symptoms have not entirely subsided, cups are preferable to lesches from the promptness of their action. Blisters should not be neglected at this stage

hept up. Time dry the weats for with Inflicien al ciuta preferal urfull to its effects The miles for . 1 stage La have take d, and so, Shouts le .

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of the complaint, they should be applied for the lack of the neck wrists and ancles, and a discharge hips up from them for reveral days by stimula ting dressings, The ceratum cantharious, or the cenatura sabina may be evid for the pour you, either of which is capable of producing a sufficient degree of excitement, The mereum at ointment his likewise been recommended for the drefting of Clisters. Caustic applied to the cranium is said by some miters to be preparable to blisters, and as it is a more pow usull stimulant and more permanent in its effects it may properly be more weepouts The mitrate of silver is prefered for this prove pore. When the symptoms of the record stage have commenced indicating effection to have taken place, bliving will be ineffected I, and sometimes prove injurious. The head shouts be shaved and a lister be applied entirely

overits. pour les digitati. gambage www with to meron this mixe and freque can bear tion to a owite inspecie, which should remain on wittle the replurative prosels has territore as of the suite he of but little benefit.

Pargatises should likewise be wie to vid the lowels of their acrid contents; calomel with its ordinary expuncts answer this pur for let Emetick combined with purgations are very sholuable in this stage of the director Da bannichael Imith recommends very highly the squill combined with calemen, digitalis is rometimes were lost doubt little advantage, the newtral salts scammony gambage, aloes and chestart, are sometimes was with good effects, but they are all inferior to mercury, after effusion has taken place This medicine should be given in as large and frequently repeated stores as the potient can bear; it should be applied also by inune than so as to excite salivation as speedily as

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But after in last less had be

populate. In Dollow and Boreiral says that the which was queries as room as the menony with office. We believe it to be the only remain which can can the discour after efforcement and the way often faits.

It Chayne tells us he succeeded in coming the direase with the Sames powder .

When the patient is earned seent bushouted to suppose with surer root, sage, topica teller, high butter se mit and stomelating decides, wine with proper times and more root evening in the spen air. How one the movies much to the restoration of health.

But in conclusion it much he admits that after experien has taken place there is but little to be expected from our remains.

